

As a below named invent	tor, I hereby declare that:
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This declaration is of the following type:

[ X ] original[ ] divisional[ ] continuation[ ] continuation-in-part

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## TITLE OF INVENTION

# Atmospheric Substrate Processing Apparatus For Depositing Multiple Layers on a Substrate

## SPECIFICATION IDENTIFICATION

The specification of which:

[X]	is attached hereto was filed on	, under Application No, e	xecuted on ever
[]	date herewith; or [ ] Express Mail No and was amended on was described and claimed iand as a	(as Application No. not yet know (if applicable) n PCT International Application No mended under PCT Article 19 on	own) filed or 

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

۲ ۱	In compliance with this duty there is attached an Information Disc	closure Statement in
	accordance with 37 CFR §1.98.	

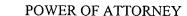
A.

В.



I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

me upp	(-)	•			
	[X] No such a	pplications have been filed.			
	[ ] Such appl	ications have been filed as fo	ollows:		
A.	Prior foreign/PCT any priority claims	application(s) filed within 12 s under 35 U.S.C. §119	mos. (6 mos. for	design) prior to	this application, and
	Country/PCT	Application No	Date Filed	Priori	ty Claimed
				Y [ ]	Yes [ ] No Yes [ ] No Yes [ ] No
В.	All foreign applic U.S. application	ation(s), if any, filed more th	nan 12 mos. (6 m	os for design) pr	ior to this
	Country: Application No: Filing date:				
		PRIORITY CLAIN	1 (35 U.S.C. §12	0)	
PCT in as the in the to disc is substitute approximately a	nternational applicate subject matter of ear manner provided by close information that stantial likelihood the plication to issue as	under Title 35, United State tion(s) designating the United ch of the claims of this applie the first paragraph of Title at is material to the examination that a reasonable Examiner we a patent) which occurred be conal filing date of this applied	of States of Americation is not disclosed.  Justine States on of this application of this application of the consider it in tween the filing of the states.	losed in that/those Code, §112, I a tion (namely, information tin decide)	be prior application(s) acknowledge the duty formation where there ding whether to allow
	[X] No such [] Such app	applications have been filed blications have been filed, as	follows:		
				Status	
	Application No.	Filing Date	Patented	Pending	Abandoned



I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Joseph Bach Donald Verplancken Lawrence Edelman Raymond Kam-On Kwong Loretta Peters James C. Wilson Robert W. Mulcahy Walter Benjamin Glenn Robert C. Colwell	Registration No. 25,610 Registration No. 37,771 Registration No. 33,217 Registration No. 25,226 Registration No. 37,165 Registration No. 43,855 Registration No. 35,412 Registration No. 25,436 Registration No. 44,713 Registration No. 27,431
Robert C. Colwell William L. Shaffer	Registration No. 27,431 Registration No. 37,234
Patrick R. Jewik	Registration No. 40,456

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Patrick R. Jewik (415) 576-0200

Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

#### **DECLARATION**

ruil name of sole or in	rst inventor: MICHAI	EL BARNES	
Inventor's signature:		Date:	
Residence:	San Ramon, CA 94583		
Post Office Address:	P.O. Box 471182, San Rai	mon, CA 94583	
	United States	Country of Citizenship:	United States
Full name of second in	nventor: MICHAEL S. CO	OX	
Inventor's signature:	(TIME	Date:	8/16/91
Residence:	Pavenport, CA 95017		
Post Office Address:	P.O. Box 259, Davenport,	CA 95017	
	United States	Country of Citizenship:	United States

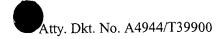
Full name of third inventor.	CANFENG LAI

Inventor's signature:		Date:	
Residence:	Fremont, CA 94539		
Post Office Address:	47615 Hoyt Street, Fremon	t, CA 94539	
	United States	Country of Citizenship:	China
Full name of fourth inv	ventor: JOHN PARKS		
Inventor's signature:		Date:	
Residence:	San Jose, CA 95134		
Post Office Address:	19 Torregata Loop, San Jos United States	e, CA 95134 Country of Citizenship:	United States

(Declaration ends with this page)

SF 1255099 v1





As a below name	ed inventor, I hereby declare that:
This declaration	is of the following type:
[]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
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	TITLE OF INVENTION
Atmosphe	ric Substrate Processing Apparatus For Depositing Multiple Layers on a Substrate
	SPECIFICATION IDENTIFICATION
The specification	n of which:
[]	is attached hereto was filed on, under Application No, executed on even date herewith; or [ ] Express Mail No (as Application No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
	CNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that the claims, as an	at I have reviewed and understand the contents of the above-identified specification, including nended by any amendment referred to above.
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tne app	oneation(s) of which	priority is claimed.				
	[X] No such a	pplications have been fil	ed.			
	[ ] Such appl	ications have been filed	as follows:			
A.		application(s) filed within under 35 U.S.C. §119	n 12 mos. (6 mos. for	design) prior to	this application,	and
	Country/PCT	Application No	Date Filed	Priori	ty Claimed	
				[ ] Y	res [ ] No res [ ] No res [ ] No	
В.	U.S. application  Country: Application No:	ation(s), if any, filed mor	e than 12 mos. (6 mo	s for design) pr	ior to this	
	Filing date:					
		PRIORITY CLA	AIM (35 U.S.C. §120)	)		
PCT in as the s in the t to disclusive subs the app	ternational applications application to the subject matter of each manner provided by lose information that tantial likelihood the blication to issue as	under Title 35, United S on(s) designating the Un of the claims of this ap the first paragraph of Tit is material to the examinat a reasonable Examiner a patent) which occurred nal filing date of this appropriate the statement of the same of the	ited States of America plication is not disclo- tle 35, United States G lation of this application would consider it impletween the filing da	that is/are liste sed in that/those Code, §112, I acon on (namely, info portant in decid	d below and, inso e prior application cknowledge the commation where the ing whether to al	ofar n(s) duty here low
		applications have been filed,				
				Status		
	Application No.	Filing Date	Patented	Pending	<u>Abandoned</u>	



## POWER OF ATTORNEY



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Santa Clara, CA 95052

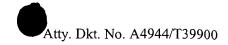
Patrick R. Jewik (415) 576-0200

## **DECLARATION**

Full name of sole or fir	est inventor: MICHAEI	LBARNES	
Inventor's signature: Residence: Post Office Address:	San Ramon, CA 94583 P.O. Box 471182, San Ram United States	Date: non, CA 94583 Country of Citizenship:	United States
Full name of second in	nventor: MICHAEL S. CO	X	
Inventor's signature:	GA 05017	Date:	
Residence: Post Office Address:	Davenport, CA 95017 P.O. Box 259, Davenport, Ounited States	CA 95017 Country of Citizenship:	United States

Full name of third inve	canfeng Lai		9///
Inventor's signature: Residence: Post Office Address:	Fremont, CA 94539 47615 Hoyt Street, Fremont United States	Date: t, CA 94539 Country of Citizenship:	8/16/0   China USA
Full name of fourth in	ventor: JOHN PARKS		
Inventor's signature:		Date:	
Residence: Post Office Address:	San Jose, CA 95134 19 Torregata Loop, San Jos United States	se, CA 95134 Country of Citizenship:	United States
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SF 1255099 v1



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#### TITLE OF INVENTION

# Atmospheric Substrate Processing Apparatus For Depositing Multiple Layers on a Substrate

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The specification of which:

[X] []	is attached hereto was filed on	, under Application No.	xecuted on even
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	and was amended on	(if applicable)	,
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[ ]	In compliance	with	this	duty	there	is	attached	an	Information	Disclosure	Statement	in
	accordance with											



# PRIORITY CLAIM (35 U.S.C. §119)

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A.			application(s) filed with under 35 U.S.C. §119	in 12 mos. (6 mos. for	design) prior t	o this application, and
	Cour	try/PCT	Application No	Date Filed	Prio	rity Claimed
						Yes [] No Yes [] No Yes [] No
B.		eign applica	ation(s), if any, filed mo	re than 12 mos. (6 mo	os for design) p	orior to this
	Counts Applic Filing	ation No:				
			PRIORITY CL	AIM (35 U.S.C. §120	))	
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	[X] []		pplications have been fi ications have been filed			
		37			_Status	
	Annlic	ation No	Filing Date	Patented	Pending	Ahandoned

### POWER OF ATTORNEY

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Peter J. Sgarbossa Joseph Bach Donald Verplancken Lawrence Edelman Raymond Kam-On Kwong Loretta Peters James C. Wilson Robert W. Mulcahy Walter Benjamin Glenn Robert C. Colwell William L. Shaffer	Registration No. 25,610 Registration No. 37,771 Registration No. 33,217 Registration No. 25,226 Registration No. 37,165 Registration No. 43,855 Registration No. 35,412 Registration No. 25,436 Registration No. 44,713 Registration No. 27,431 Registration No. 37,234
William L. Shaffer Patrick R. Jewik	Registration No. 37,234 Registration No. 40,456
I WILLIAM IC. DO	

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### **DECLARATION**

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Residence:	San Ramon, CA 94583	G 1 0 1 7 0 0	
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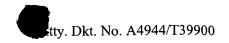
Full name of third inventor.	CANFENG LAI

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	United States	Country of Citizenship:	China
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	United States	Country of Citizenship:	United States

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SF 1255099 v1





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B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application						
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Applied Materials, Inc.

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Santa Clara, CA 95052

#### DECLARATION

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Inventor's signature:		Date:		
Residence:	San Ramon, CA 94583			
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	United States	Country of Citizenship:	United States	
Full name of second in	nventor: MICHAEL S. CO.	X		
Inventor's signature:		Date:		
Residence:	Davenport, CA 95017			
Post Office Address:	P.O. Box 259, Davenport, 0	CA 95017		
	United States	Country of Citizenship	United States	



Date:

Date:

Inventor's	signature:	

Residence:

Fremont, CA 94539

Post Office Address:

47615 Hoyt Street, Fremont, CA 94539

United States

Country of Citizenship:

China

Full name of fourth inventor:

JOHN PARKS

Inventor's signature: Residence:

San Jose, CA 95134

Post Office Address:

19 Torregata Loop, San Jose, CA 95134

United States

Country of Citizenship:

**United States** 

8/23/01

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SF 1255099 v1

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